



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

91234-269

Date of Issuance:

8/11/25

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A290.03

Name and Address of Registrant (include ZIP Code):

Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.

Continues page 2

Signature of Approving Official:

Manjula Unnikrishnan, Product Manager 21
Fungicide Branch, Registration Division (7505T)

Date:

8/11/25

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 91234-269."
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 6/30/2023
- Alternate CSF 1 dated 6/30/2023
- Alternate CSF 2 dated 6/30/2023
- Alternate CSF 3 dated 6/30/2023

If you have any questions, please contact Carmen Swinger at swinger.carmen@epa.gov.

Enclosure

{Note to reviewer: [Text] in brackets denotes optional or explanatory language}
{Note to reviewer: {Text} in braces denotes where in the final label text will appear}
{BOOKLET FRONT PANEL LANGUAGE}

METCONAZOLE	GROUP	3	FUNGICIDE
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A290.03 [™]

[Alternate Brand Name: *Torrid™*]

[Contains Metconazole, the active ingredient used in Tourney® [Fungicide]].

[TURFGRASS FUNGICIDE] [A SYSTEMIC FUNGICIDE FOR CONTROL OF THE LISTED TURFGRASS DISEASES]
[ORNAMENTAL FUNGICIDE] [A SYSTEMIC FUNGICIDE FOR CONTROL OF THE LISTED ORNAMENTAL DISEASES]

ACTIVE INGREDIENT:	(% by weight)
Metconazole*	50.0%
OTHER INGREDIENTS:	50.0%
TOTAL	100.0%

*5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1*H*-1,2,4-triazol-1-ylmethyl)cyclopentanol
A290.03 is a water dispersible granule containing 50% active ingredient.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [below] [inside label booklet] for [additional] [First Aid,] [and] [Precautionary Statements] [and] [Directions for Use].

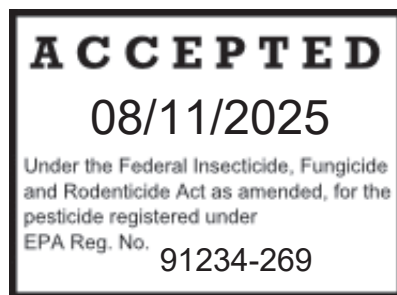
[A290.03 is not manufactured, or distributed by Valent U.S.A. LLC Professional Products, seller of Tourney® [Fungicide].]

EPA Reg. No.: 91234-XX

EPA Est. No.:

Net Contents:

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513



{LANGUAGE INSIDE BOOKLET}

FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• DO NOT induce vomiting unless told to do so by the poison control center or doctor.• DO NOT give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency:
Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils
- socks and shoes

USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to shrimp, fish and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water by disposing of equipment washwaters or rinsate. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas.

GROUNDWATER ADVISORY

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

SURFACE WATER ADVISORY

This product may contaminate surface water quality through spray and runoff of rain water. This product has a high potential for runoff for several months or more after application. Poorly draining soils or soils with shallow water tables are more prone to runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features, including ponds, streams and springs, will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil or water, is:

- coveralls
- chemical-resistant gloves made of any waterproof material
- socks and shoes

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to the uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, greenhouses or sodfarms.

Keep all unprotected persons out of operating areas or vicinity where there may be drift.

DO NOT enter or allow others to enter treated areas until sprays have dried.

PRODUCT INFORMATION

A290.03 is formulated as 50% water dispersible granular (WDG). The active ingredient in **A290.03** is metconazole, a broad-spectrum triazole fungicide that works by inhibiting demethylation and other processes in sterol biosynthesis. **A290.03** is systemic and is quickly absorbed into plant tissue. **A290.03** displays preventive and curative properties.

A290.03 may be used for disease control in turfgrass on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, athletic fields and sod farms.

A290.03 may be used for disease control on ornamental plants in commercial indoor and outdoor nurseries, greenhouses and on ornamental plants found in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

A290.03 provides optimal disease control when applied in combination or as part of a rotation in a regularly scheduled spray program with other effective fungicides that have different modes of action (i.e., non-Group 3 fungicides).

MODE OF ACTION

The active ingredient in **A290.03**, metconazole, belongs to the sterol biosynthesis inhibitor group of fungicides as classified by the U.S. EPA [and Canada PMRA] as a target site of action Group 3 fungicide.

RESISTANCE MANAGEMENT

For resistance management, **A290.03** contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to **A290.03** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance management strategies must be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of **A290.03** or other Group 3 fungicides within a growing season sequence with different groups that control the same pathogens.
- Avoid application of more than the maximum number of applications listed in the directions for use and follow label instructions regarding sequential applications of **A290.03** or other fungicides in the same groups in a season.
- Use tank mixtures with fungicides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance management and/or IPM recommendations for specific crops and pathogens.

- For further information or to report suspected resistance contact Atticus, LLC 984-465-4800. You can also contact your pesticide distributor or university extension specialist to report resistance.

JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND A290.03

Perform a jar test before mixing commercial quantities of **A290.03**, when using **A290.03** for the first time, when using new adjuvants, when using new tank mixes or when a new water source is being used.

1. Add 1 pt of the water to a quart jar. Use water from the same source and temperature as water that will be used in the spray tank mixing operation.
2. Add about 1 teaspoon (2.4 grams) of **A290.03** to the quart jar; gently mix until product goes into suspension.
3. Add appropriate amount of each tank mix adjuvant or partner.
4. Place cap on jar, invert 10 times, let stand for 15 minutes and evaluate.
5. An ideal tank mix combination will be uniform and free of large, suspended particles. If any of the following conditions are observed, reevaluate the choice of the adjuvant:
 - a. Layer of oil or globules on the mixture's surface.
 - b. Flocculation: fine particles in suspension or as a layer on the bottom of the jar.
 - c. Clabbering: Thickening texture (coagulated) like gelatin.

TANK MIX PARTNERS

A290.03 is compatible with most herbicides, insecticides, fungicides and other types of tank mix components. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. **DO NOT** tank mix with any product which has a prohibition on tank mixing. When evaluating potential tank mix partners, always apply to a small area of target plants and then monitor for adverse affects for at least two weeks before making large-scale applications.

SPRAYER PREPARATION

Before applying **A290.03**, start with clean, well maintained application equipment. The spray tank hoses and booms must be cleaned to ensure no residue from the previous spraying operation remains in the sprayer. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply **A290.03**. Check nozzles frequently for accuracy. If two or more products were tank mixed prior to **A290.03** application, follow the most restrictive cleanup procedure.

MIXING INSTRUCTIONS

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, slowly add the **A290.03** to the spray tank. A rippling or rolling action on the water surface will occur as the result of the agitation.
3. If tank mixing **A290.03** with other labeled pesticides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
4. Add any required adjuvants.
5. Fill spray tank to desired level with water. Continue to agitate until all spray solution has been applied.
6. Mix only the amount of spray solution that can be applied the day of mixing. Apply **A290.03** within 12 hours of mixing.

SPRAYER CLEANUP

Clean the spray equipment each day following **A290.03** application. After **A290.03** is applied, follow the steps below to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Drain tank completely.
4. Remove all nozzles and screens and rinse them in clean water.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers' recommendations for setting up nozzles. To reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

A290.03 RATE CONVERSION CHART

Oz. Product/1,000 sq. ft.	Oz. Product/Acre	Lb. Product/Acre	Lb. ai/Acre
0.04	2.18	0.14	0.07
0.08	4.36	0.27	0.14
0.18	8.00	0.50	0.25
0.16	8.71	0.54	0.27
0.28	12.00	0.75	0.38
0.37	16.00	1.00	0.50
0.44	19.20	1.20	0.60
1.47	64.00	4.00	2.00

1 level teaspoon contains 2.4 grams and one 8 oz. cup contains 4.1 oz. of **A290.03**

TURFGRASS

- Use **A290.03** for disease control on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, athletic fields and sod farms.
- Use **A290.03** in conjunction with turf management practices that promote good plant health and optimum disease control. Proper identification of disease infestations is essential for providing control. Consult diagnostic guides, kits or other means of identification to determine the best control measures.
- **A290.03** is more effective when used preventively or early in disease development. Length of disease control will vary according to local environmental conditions, disease pressure and turfgrass management practices.
- **A290.03** can injure golf course greens that are under high heat (temperatures exceeding 90°F) and/or drought stress. Under high heat and/or drought stress conditions (mid to late summer), **DO NOT** apply more than 16 oz./acre (0.37 oz./1,000 sq. ft.) every 30 days.
- Failure to follow label directions may result in turfgrass injury and or inferior disease control.

APPLICATION DIRECTIONS

- For foliar disease, apply 2 gallons of spray solution per 1,000 sq. ft.
- For crown and root diseases, apply 2 - 4 gallons of spray solution per 1,000 sq. ft.
- For spot treatment, mix 0.1 - 0.2 oz. (0.05 – 0.007 lb. ai) of **A290.03** per gallon of water.
- **Important:** Under conditions of optimal disease development (including high humidity and temperature), use higher labeled rates and shorter application intervals. When applications are made curatively, use higher specified rates of **A290.03** and shorter specified application intervals. Use the higher specified application rate in areas with a history of severe disease pressure.
- Apply to dry turf or after mowing. For control of foliar diseases, allow turf to dry before irrigation. For control of soilborne diseases, **A290.03** can be watered in after application.

COMPATIBILITY

A290.03 may be tank mixed with other registered turfgrass fungicides. Perform a jar test as described above to determine compatibility before making applications. Directions for use of **A290.03** have been developed without using an adjuvant in the spray solution.

APPLICATION EQUIPMENT

Apply **A290.03** using standard, low-pressure spray equipment designed to deliver coarse to medium size spray droplets (**DO NOT** use nozzles designed to deliver fine droplets). Apply in a sufficient volume of water to provide thorough spray coverage and a uniform spray pattern. **DO NOT** position the spray boom more than 20 inches above the turf.

TURFGRASS TOLERANCE

Due to the large number of turfgrass types, possible tank mixes and application techniques, it has not been determined if **A290.03** can be safely used on all turfgrasses under all conditions. Before making a large scale application, determine safety in a small test area. Monitor the test area for at least 2 weeks to determine safety under local growing conditions.

TURFGRASS SPECIES

Annual Bluegrass
Bentgrass
Bermudagrass
Centipedegrass
Fescue

Kentucky Bluegrass
Perennial Ryegrass
St. Augustinegrass
Seashore Paspalum
Zoysia

TURFGRASS RESTRICTIONS

- **DO NOT** apply more than 64 oz. (2.0 lb. ai) per acre (1.47 oz./1,000 sq. ft.) of **A290.03** per year.
- **All listed diseases except Pink Snow Mold Fusarium Patch, Gray Snow Mold, and Yellow Patch:**
 - **DO NOT** apply more than 16 oz. (0.5 lb. ai) per acre (0.37 oz./1,000 sq. ft.) of **A290.03** per application.
- **Pink Snow Mold Fusarium Patch, Gray Snow Mold, and Yellow Patch:**
 - **DO NOT** apply more than 19.2 oz. (0.60 lb. ai) per acre (0.44 oz./1,000 sq. ft.) of **A290.03** per application.
- **Maximum Number of Applications per Year:** see **Table 1** for Maximum Applications per year for each disease.
- **Retreatment Interval:** see **Table 1** for Application Interval/Timing for each disease.
- **DO NOT** apply directly to bermudagrass greens.
- **DO NOT** apply through any type of irrigation system.
- **DO NOT** apply by air.
- **DO NOT** graze animals on treated areas for one year after application.
- **DO NOT** feed clippings from treated areas to livestock or poultry.
- **DO NOT** exceed 0.2 oz. (0.0065 lb. ai) of product per gallon of water for spot treatment.

TABLE 1. TURFGRASS – SPECIFIC DISEASES, RATES, TIMINGS AND APPLICATION INFORMATION

Diseases (Pathogens)	Applications Rates		Application Interval/ Timing	Maximum Applications per Year	Special Instructions
	Oz./1,000 sq. ft.	Oz./A			
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	0.18 – 0.37	8 – 16	14 - 21 days	8	Use preventively. Begin application when conditions favor disease development.
Brown Patch (<i>Rhizoctonia solani</i>) Anthracnose (<i>Colletotrichum graminicola</i>)	0.28 – 0.37	12 – 16	14 – 21 days	5	Begin applications when conditions favor disease development.
Gray Leaf Spot (<i>Pyricularia grisea</i>) Necrotic Ring Spot (<i>Ophiosphaerella korrae</i>) Red Thread (<i>Laetisaria fuciformis</i>) Rhizoctonia Large Patch (<i>Rhizoctonia solani</i>) Rust Diseases (<i>Puccinia</i> spp.) Summer Patch (<i>Magnaporthe poae</i>) Take-all Patch (<i>Gaeumannomyces graminis</i>) Waitea Patch Brown Ring Patch (<i>Waitea circinata</i>) Zoysia Patch (<i>Rhizoctonia solani</i>)	0.37	16	14 days	4	Begin applications when conditions favor disease development or when the disease first appears.

Fairy Ring (<i>Various Basidiomycetes</i>)	0.37	16	21 days	4	Apply as soon as possible after first symptoms appear. Apply in a volume of 4 gal./1,000 sq. ft. For optimal control reapply after 21 days. Symptoms may take several weeks to disappear following application.
Pink Snow Mold, Fusarium Patch (<i>Microdochium nivale</i>) Gray Snow Mold (<i>Typhula</i> spp.) Yellow Patch (<i>Rhizoctonia cerealis</i>)	0.37 – 0.44	16 – 19.2	Late Fall	4	Make 1 to 2 applications in combination with PCNB, chlorothalonil or other fungicides active on snow mold in late fall before snow cover and if possible, one application during a mid-winter thaw.

ORNAMENTAL PLANTS[*]

- **A290.03** provides disease control on ornamental plants in commercial outdoor nurseries and ornamental plants found in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.
- **A290.03** provides disease control on ornamental plants in indoor greenhouses and nurseries.
- Use **A290.03** as part of a preventive disease control program.
- **A290.03** is more effective when used preventively or early in disease development. Length of disease control will vary according to local environmental conditions, disease pressure and management practices.
- Follow all use directions on this label. Failure to follow label directions may result in injury and or inferior disease control.

[*Not Registered for use by California]

ORNAMENTAL PLANT TOLERANCE

IMPORTANT: **A290.03** may cause growth regulation to some ornamental plant species. The large number of existing ornamental species and their varieties and cultivars coupled with the constant introduction of new varieties makes it impossible to field test **A290.03** in every locale where it is sold or in all of the combinations of location and plant variety. Further differences include the soil or media type, pH, moisture or fertility, environmental conditions including temperature, lighting or degree-days and horticultural practice and the manner of use and application of this product. To ensure that **A290.03** is compatible with the ornamental plant variety or cultivar under your specific conditions, test this product on a small test area and observe for phytotoxicity or other unintended effects for at least two weeks before making large-scale applications.

APPLICATION DIRECTIONS

FOLIAR APPLICATIONS

- Apply **A290.03** at 1 - 4 oz. of product per 100 gallon of water (2.18 – 8.71 oz./A) for disease control in ornamental plants.
- Apply as a full coverage spray to the point of run-off.
- Apply as needed on a 14 - 28 day interval.
- Under conditions of optimal disease development (including high humidity and temperature), use higher specified rates and shorter specified application intervals.
- When applications are made curatively, use higher specified rates of **A290.03** and shorter specified application intervals. Use the higher specified application rate in areas with a history of severe disease pressure.
- For general disease control in landscapes, apply 1 - 4 oz. of product per 100 gallon of water (2.18 – 8.71 oz./A) on a 21 - 28 day interval.

DRENCH APPLICATIONS

- To control soilborne, seedling and crown diseases, apply **A290.03** as a preventive drench treatment prior to disease development.
- Apply at 1 - 4 oz./100 gallon of water in a volume of 1 - 2 pt. of solution per square foot of surface area on a 14 - 28 day interval.
- Roots must be healthy to ensure systemic uptake, translocation and disease protection.

COMPATIBILITY

A290.03 is compatible with most commonly used insecticides, fungicides and spray adjuvants used in the production of ornamental plants. When using **A290.03** in tank mixes with other pesticides, observe all directions for use and precautions on the label of tank mix partner. Before applying a tank mix for the first time, check physical compatibility of the mixture.

DO NOT tank mix with any product which contains a prohibition on tank mixing.

APPLICATION EQUIPMENT

Apply **A290.03** using suitable hand or power operated application equipment including portable, pump-up, backpack, hydraulic or boom sprayers in a manner to provide complete and uniform coverage.

ORNAMENTAL RESTRICTIONS

- **DO NOT** apply more than 64 oz. (2 lb. ai) per acre (29.38 oz./20,000 sq. ft.) of **A290.03** per year.
- **DO NOT** apply more than 4 oz. (0.125 lb. ai) per 100 gallons of water (8.71 oz./A) of **A290.03** per application.
- **Maximum Number of Applications per Year:** see **Table 2** for Maximum Applications per year for each disease.
- **Minimum Retreatment Interval:** 14 days
- **DO NOT** apply through any type of irrigation system.
- **DO NOT** apply by air.
- **DO NOT** graze animals on treated areas for one year after application.
- **DO NOT** feed plants from treated areas to livestock or poultry.

TABLE 2. DIRECTIONS FOR USE ON ORNAMENTALS

Diseases* (Pathogens)	Application Rates		Application Interval/ Timing	Maximum Applications per Year	Special Instructions
	Oz./100 gal. (By Weight)	Oz./A			
Anthracnose <i>Apiognomonia</i> spp. <i>Colletotrichum</i> spp. <i>Cryptocline</i> spp. <i>Discula</i> spp. <i>Gleosporium</i> spp.	1 - 4	2.18 – 8.71	14 - 28 days	26	When using a typical high volume sprayer use 100 gal. of spray mix to treat 20,000 sq. ft. of area. If using a low volume sprayer, adjust concentration to apply the same amount of product per unit area.
Botrytis <i>Botrytis</i> spp.					
Blossom Rot/Brown Rot <i>Monilinia</i> spp.					
Boxwood Blight <i>Calonectria pseudonaviculatum</i> <i>Cylindrocladium buxicola</i> <i>Cylindrocladium pseudonaviculatum</i>	4	8.71	14 - 28 days	7	
Conifer Blight <i>Diplodia pinea</i> <i>Phomopsis</i> spp.	2 - 4	4.36 – 8.71	14 - 28 days	14	

<i>Rhabdocline</i> spp. <i>Rhizosphaera</i> spp. <i>Sphaeropsis</i> spp.					
Damping-Off/Stem and Root Rots <i>Rhizoctonia solani</i>	1 - 4	2.18 – 8.71	14 - 28 days	26	
Eastern Filbert Blight <i>Anisogramma anomola</i>					
Fusarium Root Rot and Damping Off <i>Fusarium oxysporum</i> <i>Fusarium solani</i>	4	8.71	14 - 28 days	7	
Leaf Spots <i>Alternaria</i> spp. <i>Cercospora</i> spp. <i>Diplocarpon</i> spp. <i>Mycosphaerella</i> spp. <i>Myrothecium</i> spp. <i>Phyllosticta</i> spp. <i>Septoria</i> spp.	1 - 4	2.18 – 8.71	14 - 28 days	26	
Powdery Mildew <i>Erysiphe</i> spp. <i>Microsphaera</i> spp. <i>Oidium</i> spp. <i>Phyllactinia</i> spp. <i>Podosphaera</i> spp. <i>Sphaerotheca</i> spp.					
Rusts <i>Chrysomyxa</i> spp. <i>Coleosporium</i> spp. <i>Gymnosporangium</i> spp. <i>Puccinia</i> spp. <i>Uredo</i> spp. <i>Uromyces</i> spp.					
Scab <i>Cladosporium</i> spp. <i>Sphaceloma</i> spp. <i>Venturia</i> spp.	2 - 4	4.36 – 8.71	14 - 28 days	14	
Shot Hole <i>Wilsonomyces carpophilus</i> <i>Blumeriella</i> spp.					
White Mold <i>Sclerotinia sclerotiorum</i>					

*If symptoms are visible of a labeled disease, use a registered contact, protectant fungicide.

TABLE 3. ORNAMENTAL PLANT LIST

Note: A290.03 has been tested on the following plants with no crop injury.

Flowering and Foliage Plants	Herbaceous Ornamental Plants	Woody Ornamental Plants		Non-Bearing Tree, Fruit, Nut and Vine
Geranium Petunia Poinsettia Snapdragon	Carnation Chrysanthemum Daisy Dianthus Hydrangea Iris Lantana Liriope Marigold Phlox Verbena	Amelanchier Ash Azalea Bayberry Beech Boxwood Birch Camellia Conifers Cotoneaster Crabapple Crape Myrtle Dogwood Elm Euonymus Fir Hawthorn Hemlock Holly Juniper	Laurel Lilac Linden London Plane Magnolia Maple Mountain Ash Mountain Laurel Oaks Pine Poplar Photinia Pyracantha Rhododendron Rose Sassafras Spirea Spruce Sweetgum Sycamore	Apple Apricot Cherry Citrus Filbert Grape Peach Pear Pecan Pistachio Plum Walnut

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[Bag: Nonrefillable outer bag. Do not reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.]

[Plastic Container: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.]

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[A290.03 is a trademark of Atticus, LLC]

[Tourney® [Fungicide] is a registered trademark of Valent U.S.A. LLC.]

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

METCONAZOLE	GROUP	3	FUNGICIDE
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A290.03™

[Alternate Brand Name Torrid™]

[Contains Metconazole, the active ingredient used in Tourney® [Fungicide]].

[TURFGRASS FUNGICIDE] [A systemic fungicide for control of the listed turfgrass diseases]

[ORNAMENTAL FUNGICIDE] [A systemic fungicide for control of the listed ornamental diseases]

ACTIVE INGREDIENT: (% by weight)

Metconazole*50.0%

OTHER INGREDIENTS:50.0%

TOTAL 100.0%

*5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol

A290.03 is a water dispersible granule containing 50% active ingredient.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• DO NOT induce vomiting unless told to do so by the poison control center or doctor.• DO NOT give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to shrimp, fish and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water by disposing of equipment washwaters or rinsate. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas.

GROUNDWATER ADVISORY: This chemical has properties and characteristics

associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

SURFACE WATER ADVISORY: This product may contaminate surface water quality through spray and runoff of rain water. This product has a high potential for runoff for several months or more after application. Poorly draining soils or soils with shallow water tables are more prone to runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features, including ponds, streams and springs, will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

PHYSICAL OR CHEMICAL HAZARDS: Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

STORAGE AND DISPOSAL

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See inside label booklet for additional Precautionary Statements and Directions for Use.

[A290.03 is not manufactured, or distributed by Valent U.S.A. LLC Professional Products, seller of Tourney® [Fungicide].]

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

EPA Reg. No.: 91234-XX
EPA Est. No.: _____
NET CONTENTS: _____